Troubleshooting

Leaks...

... between cap and bottom of filter housing:

1. Turn off water supply and open a faucet closest to the system to release traped air. Remove bottom of housing.
2. Clean O-ring and O-ring groove (located directly beneath threads of housing). Lubricate O-ring with clean silicone grease and replace securely into groove. Screw bottom of housing onto cap and hand-tighten. **Do not over-tighten.**

... on inlet/outlet connections:

1. Turn off water supply. For brass fittings, tighten nut snugly about half of a turn with a wrench.
2. Turn on water supply. If leaks persist, or if there are other leaks on the system, turn off water supply. Call Pentek Technical Support at 800.279.9404.

Maintenance

Filter must be maintained according to manufacturer's instructions, including replacement of the filter cartridge. Contact your nearest Pentek water filter dealer for replacement cartridge pricing, or call 800.279.9404.

Performance Data

California Cert

Important Notice: Read this performance data and compare the capabilities of the system with your actual water treatment requirements. It is recommended that the supply water be tested, before installing a water treatment system, to determine your water treatment needs.

NOTE: The contaminants or other substances removed or reduced by this system are not necessarily in you water.

This system has been tested according to NSF/ANSI 53 for the reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water exiting the system, as specified in NSF/ANSI 53.

Testing was performed under standard laboratory conditions; actual performance may vary.

Model FPS-10 with FloPlus 10 Cartridge

Substance	Influent Challenge Concentration	Max Permissible Product Water Concentration	Reduction Requirements	Minimum Reduction	Average Reduction
Standard 53 - Health Effects					
Cysts†	Minimum 50,000/L	25/L	99.95%	99.99%	99.99%

†Based on the use of microspheres or Cryptosporidium parvum oocyts

Test Conditions:	Operating Requirements for FPS-10 System:
Flow Rate = 5 gpm (18.9 Lpm)	Pressure = 30-125 psi (2.1-8.6 bar)
Inlet Pressure = 60 psi (4.1 bar)	Temperature = 40-100°F (4.4-37.8°C)
pH = 7.5 ±0.5	Turbidity = 5 NTU Max.
Temperature = 68°F ±5F° (20°C ±2.5C°)	

Model FPS-20 with FloPlus 20 Cartridge

Substance	Influent Challenge Concentration	Max Permissible Product Water Concentration	Reduction Requirements	Minimum Reduction	Average Reduction
Health Effects					
Cysts†	Minimum 50,000/L	25/L	99.95%	99.99%	99.99%

†Based on the use of microspheres or Cryptosporidium parvum oocyts

Test Conditions:	Operating Requirements for FPS-20 System:
Flow Rate = 10 gpm (37.8 Lpm)	Pressure = 30-125 psi (2.1-8.6 bar)
Inlet Pressure = 60 psi (4.1 bar)	Temperature = 40-100°F (4.4-37.8°C)
pH = 7.5 ±0.5	Turbidity = 5 NTU Max.
Temperature = 68°F ±5F° (20°C ±2.5C°)	

⚠ WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

NOTE: The system must be maintained according to manufacturer's recommendations, including replacement of filter cartridges.

The FPS-10 and FPS-20 are Tested and Certified by WQA against NSF/ANSI Standard 53 for the reduction of substances listed in the tables above.